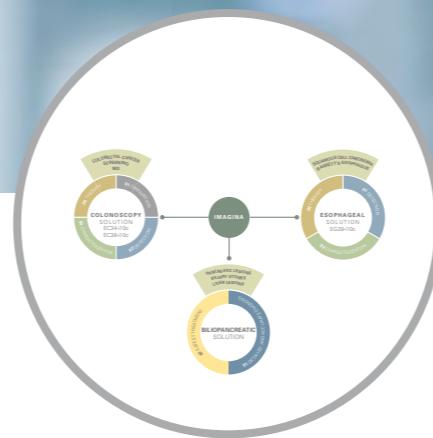




Made for you: the **IMAGINA**  
The choice for daily practice



Triple Aim



IMAGINA Clinical Solution

# Made for you: the **IMAGINA** The choice for daily practices

**PENTAX**  
MEDICAL

Developed by directly integrating feedback from physicians worldwide, the IMAGINA platform was made for your daily diagnostic and therapeutic needs. The platform is completed by three new endoscopes – one video gastroscope and two video colonoscopes.



IMAGINA Video Processor >

Video Gastroscope >

Video Colonoscopes >

Complete Solution >




## Made for you: the **IMAGINA platform**

PENTAX Medical always has Triple Aim in mind when providing solutions to you. This allows us to support your goals of improving clinical outcomes and healthcare productivity, as well as enhancing provider and patient experience.


### Improved diagnostic outcome

IMAGINA supports each step of the clinical pathway, from screening to diagnosis towards day-to-day therapy, with state of the art HD image quality powered by i-scan.

Click for more information 


### Cost efficient and reliable

With its innovative technology, IMAGINA reduces **running and investment costs** thanks to latest LED illumination. The PENTAX Medical heat-control mechanism **avoids uncontrolled heating of the distal tip** by sending the heat from the distal tip to backward.

Click for more information 

### Improved workflow efficiency

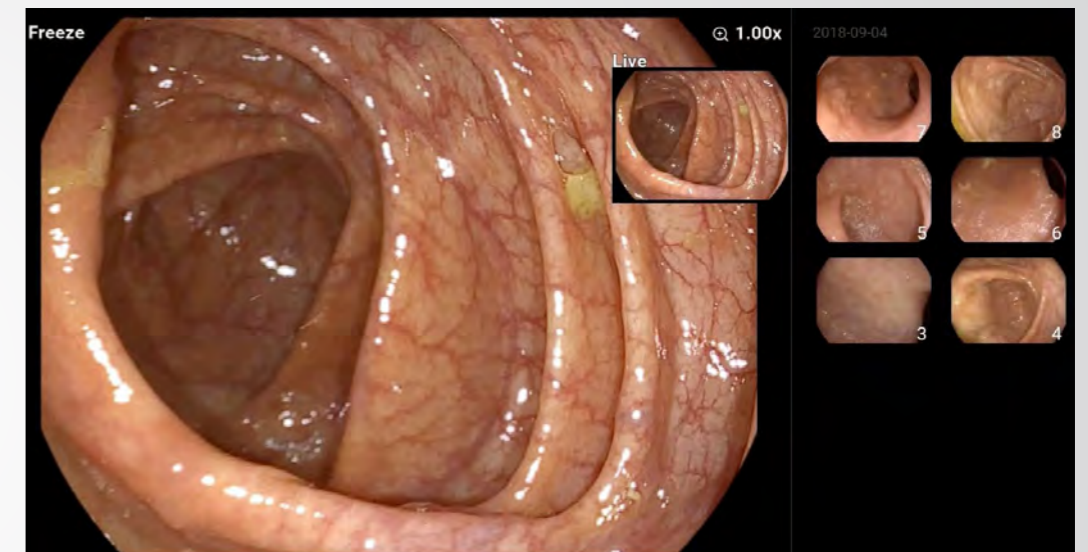
Unconventional design, integration, and connectivity. A user-friendly and intuitive platform with a customizable menu for procedure optimization, on-screen image collection and patient documentation.

Click for more information 



## Improved diagnostic outcomes

IMAGINA supports each step of the clinical pathway, from screening to diagnosis towards day-to-day therapy, with state of the art HD image quality powered by i-scan.



### i-scan for enhanced detection and characterization

i-scan provides the physician with an enhanced view of the mucosal structures and vascular patterns, supporting early detection, demarcation and characterization.

HD+ together with i-scan has been proven to increase adenoma detection rate, meeting the quality measurement standards

- State of the art HD image quality
- Brilliant LED illumination

## Support your diagnosis with proven classifications

### **Colorectal Polyps (SIMPLE classification)**

Development and validation of the SIMPLE endoscopic classification of diminutive and small colorectal polyps, using i-scan OE.

[Read more \(i-scan OE\)](#)

### **ZEEBO (Barrett's esophagus)**

Systematic assessment with i-scan magnification endoscopy and acetic acid improves dysplasia detection in patients with Barrett's esophagus.

[Read more \(i-scan\)](#)

[Read more \(i-scan OE\)](#)

### **PICASSO (ulcerative colitis)**

Development and reliability of the new endoscopic virtual chromoendoscopy score: the PICaSSO (Paddington International Virtual ChromoendoScopy ScOre) in ulcerative colitis.

[Read more \(i-scan\)](#)



## Cost efficient and reliable

With its innovative technology, IMAGINA reduces running and investment costs thanks to the latest LED illumination.



Find out how much running costs you can save. >



## Cost efficient and reliable

The PENTAX Medical heat-control mechanism avoids uncontrolled heating of the distal tip by sending the heat from the distal tip to backward.



LEDs at the distal tip with PENTAX Medical heat control mechanism to avoid uncontrolled distal end heating



## Improved workflow efficiency

Unconventional design, integration, and connectivity. A user-friendly and intuitive platform with a customizable menu for procedure optimization, on-screen image collection and patient documentation.



Integration and connectivity with hospital IT

Clear visualization of settings and simplified adjustment during procedures

Internal image capture system for simple management of patient still image and video files


Instant review of all files possible on processor tablet screen or main endoscopy monitor screen



## Made for you: the **IMAGINA** endoscope line-up


### State of the art diagnostic outcome with latest imaging technology

- HD+ image sensor to provide clear and natural images for your diagnostic needs.
- Temperature controlled LED illumination delivers high-level in depth and near focus brightness and sends the heat from the distal tip to backwards.

Click for more information 


### Expand your diagnostic and therapeutic capabilities

- Improved therapeutic performance with optimized endoscope and working channel outer diameter ratio.
- Proven PENTAX waterjet technology assists in maintaining a clean, clear operating field.

Click for more information 

### Smarter procedure flow

- One-handed connection and easier endoscope handling with new small, lightweight connector.
- Watertight connector without soaking cap reduces the risk of endoscope flooding.

Click for more information 



# Expand your diagnostic and therapeutic capabilities

**i-FLEX™** for graduated flexibility of the insertion tube

Find out more with our video [>](#)

F2 Endoscopes with increased rigidity

**TrueTorque™** 1to1 transfer torque from proximal to distal portion

Find out more with our video [>](#)

Improved therapeutic performance with optimized endoscope and working channel outer diameter ratio

HD+ image sensor and LED lamps at the distal tip



## Smarter procedure flow

One hand operated connector and easier endoscope handling with new small, lightweight connector

Watertight connector without soaking cap reduces risk of endoscope flooding



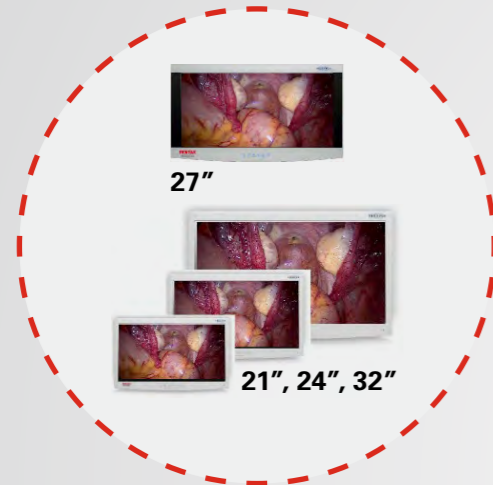
Reduced weight endoscopes for better handling

Ergonomic control body



## Made for you: the **IMAGINA** complete solution

PENTAX Medical HD Monitors



CO2, Irrigation and Suction Pump



ENDO ARC and ENDO Plus



[Click for more information >](#)

ESD Accessories



[Click for more information >](#)



Made for you: the **IMAGINA**



**IMAGINA Video Processor**

**EPK-i5500c**

Video output	1080P (16:9) / SXGA (5:4) / XGA (4:3)
User interface	7 inch customizable, smartphone-like touchscreen, TwinMode
i-scan, virtual chromoendoscopy	Digital image enhancement (SE, CE, TE)
Video and audio recording	Integrated function, external USB storage device
Dimensions [ W x H x D/weight ]	380 x 155 x 420 mm/13 kg
Freeze scan	Yes
Digital zoom	Up to x2.0
Display languages	15 languages: English, Spanish, Swedish, French, German, Italian, Norwegian, Finnish, Danish, Dutch, Polish, Portuguese, Russian, Slovenian, and Japanese

Made for you: the **IMAGINA LED endoscope line-up**  
**EG29-i10c | EC34-i10c | EC38-i10c**



<b>Video Endoscopes</b>	<b>EG29-i10c</b>	<b>EC34-i10c (M/F/L)</b>	<b>EC38-i10c (M/F/F2/L)</b>
Field of view [°]		140	
Depth of field [mm]		3-100	
Tip angulation up-down [°]	210-120		180-180
Tip angulation right-left [°]	120-120		160-160
Insertion tube diameter [mm]	9.8	11.6	13.2
Min. instrument channel diameter [mm]	3.2		3.8
Working length [mm]	1.050		1,300/1,500/1,700
Light Source		LED at the distal tip	

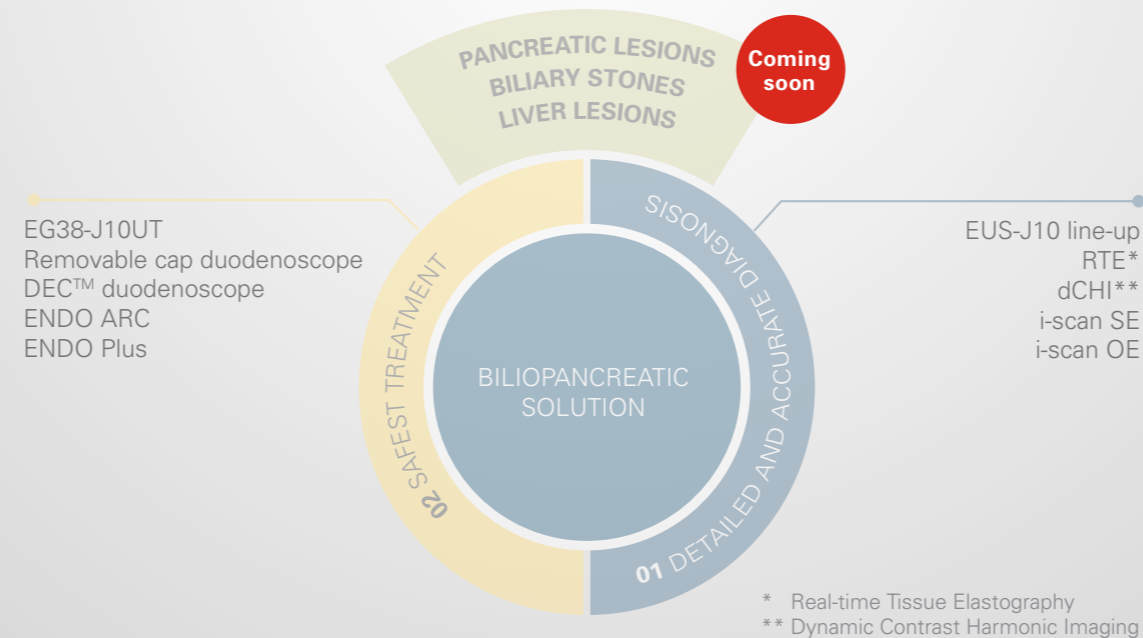
## Colonoscopy and esophageal solution

The new IMAGINA processor in combination with its set of endoscopes supports our colonoscopy and esophageal solutions.



Click for more information on ENDO ARC and ENDO Plus [➤](#)

Click for more information on i-scan [➤](#)

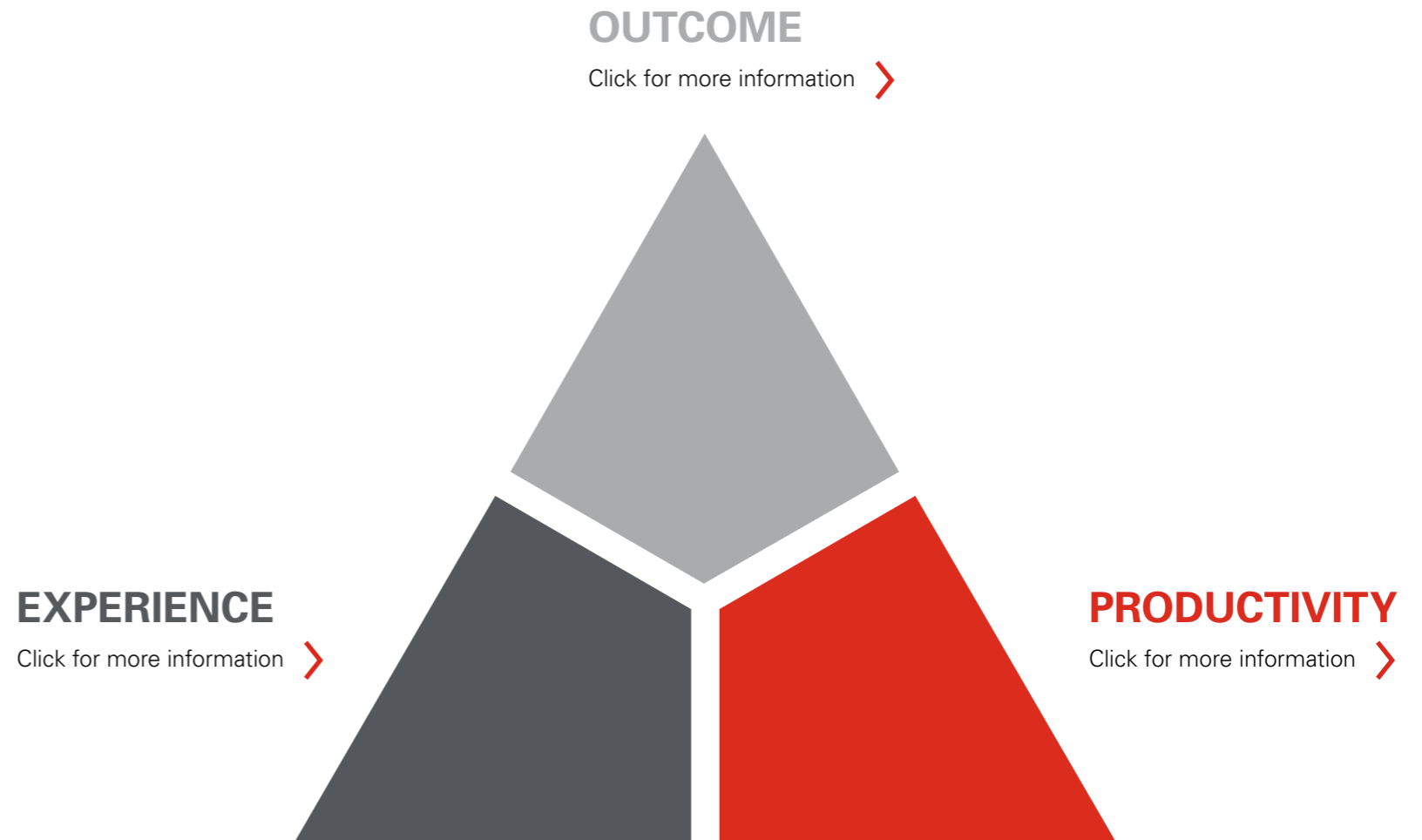


\* Real-time Tissue Elastography  
\*\* Dynamic Contrast Harmonic Imaging

# PENTAX Medical's Triple Aim

Our **Triple Aim** program is designed to deliver on our commitment to support you and your healthcare organisation's wider objectives by providing programs, products and solutions to help you reach your goals.

FIND OUT HOW  
**IMAGINA**  
SUPPORTS  
TRIPLE AIM



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Improving your **clinical outcomes** by offering solutions for the most common diseases and supporting clinicians throughout the clinical pathway, from diagnosis through to therapy.

### EXPERIENCE

Click for more information >

### PRODUCTIVITY

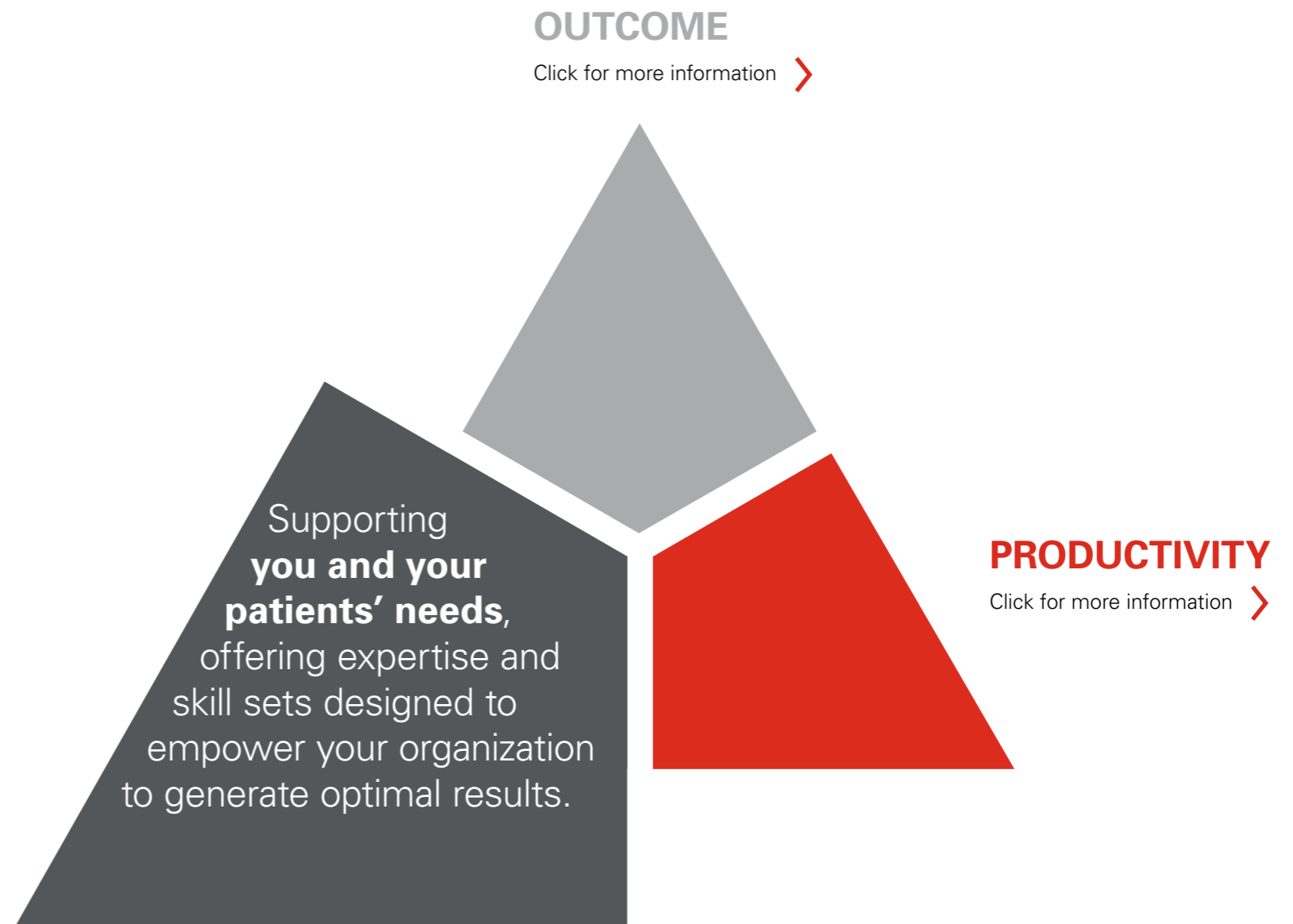
Click for more information >



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Click for more information >  
[www.training-for-excellence.eu](http://www.training-for-excellence.eu)

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TRIPLE AIM



## Your needs shape our service

**YOUR REQUIREMENT**  
Guaranteed clinical outcomes

**OUR PROMISE**  
Smoothly running operations and multilevel expertise



**150+**  
Technicians across Europe

Regional and local repair centers  
Service engineers for maintenance

**360**  
Days a year repair center

**43**  
Service Partner and Certified repair center

Original spare parts

**YOUR REQUIREMENT**  
Increased productivity

**OUR PROMISE**  
Transparency and predictability

**2000+**  
Up to date loaner fleet

Service KPI reports

Flexible contract options

Centrally – located spare parts warehouses

**YOUR REQUIREMENT**  
Optimized customer experience

**OUR PROMISE**  
Personalized support and proximity

Hygiene solutions and personalized support

**24/7**  
Information available and online traceability

On-site training with application specialists

Multilingual customer service

For PENTAX Medical Service, our partnership means your success.

**PENTAX Medical Singapore Pte. Ltd.**

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TÜV Süd CE0123 • Medical device class: IIa • This product must be used only by healthcare professionals. Before use and for detailed product specifications, please refer to the instructions for use. In the interest of technical process, specifications may change without notice.

**PENTAX**  
**MEDICAL**  
*Excellence in Focus*